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INTERNATIONAL SEARCH REPORT

International Application No PCT/GB2004/004054

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12N15/85 C12N5/10 C12N9/18 G01N33/50

G01N33/50

A01K67/027 A61K49/00

C12N9/16

CO7K14/59

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 CO7K A01K C12N G01N A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE

	1
WO 00/79264 A (TSAI TING FEN; BAYLOR COLLEGE MEDICINE (US); ZOGHBI HUDA Y (US); CHEN) 28 December 2000 (2000-12-28)	13,14, 24,25
page 16, line 18 - page 17, line 10	1-10,15, 19-33
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figure 1 examples 4,6,7	20 33
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er documents are listed in the continuation of box C. X Patent family members	are listed in annex.
	COLLEGE MEDICINE (US); ZOGHBI HUDA Y (US); CHEN) 28 December 2000 (2000-12-28) page 16, line 18 - page 17, line 10 US 5 837 462 A (BAASNER SILKE ET AL) 17 November 1998 (1998-11-17) figure 1 examples 4,6,7 -/

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.				
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "8" document member of the same patent family 				
Date of the actual completion of the international search 11 April 2005	Date of mailing of the International search report 0 2 MAY 2005				
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Brouns, G				

	PC1/GB2004/004034
	Retevant to claim No.
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	PCT/GB2004/004054 Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT				
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C.(Continu	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.			
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P,X	US 6 632 978 B1 (KAESLIN EDGAR ET AL) 14 October 2003 (2003-10-14) abstract	1-10,15, 19-33			
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C.(Continua	uation) DOCUMENTS CONSIDERED TO BE RELEVANT				
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E	WO 2004/090532 A (CXR BIOSCIENCES LIMITED; WOLF, ROLAND; BROWN, KENNETH) 21 October 2004 (2004-10-21) page 13, line 29 - page 18, line 21 examples 1,2 figure 5	1-8, 11-15, 19-33			
					

International application No.

PCT/GB2004/004054

Box	No. I	Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)
1.	With inver	regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed tion, the international search was carried out on the basis of:
	a.	type of material X a sequence listing table(s) related to the sequence listing
	b.	format of material
		X in written format X in computer readable form
	c.	time of filing/furnishing
	v.	x contained in the international application as filed
		filled together with the international application in computer readable form furnished subsequently to this Authority for the purpose of search
2.	х	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3.	Addi	tional comments:

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 31-33 are directed to a diagnostic method practised on the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful international Search can be carried out, specifically:
3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of Invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
1-8,15,19-33 (all partially); claims 9-14 (all complete)
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest X The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

Invention 1: claims 1-8,15,19-33 (all partially); claims 9,10 (all complete)

Relating to a nucleic acid construct encoding a secretable or excretable reporter protein, secreted placental alkaline phosphatase (SEAP); cells and non-human animals comprising said nucleic acid construct; use of said gene, cell or animal for detecting gene activation or in methods of screening.

Invention 2: claims 1-8,15,19-33 (all partially); claims 11-14 (all complete)

Relating to a nucleic acid construct encoding a secretable or excretable reporter protein, human beta choriogonadotropin; cells and non-human animals comprising said nucleic acid construct; use of said gene, cell or animal for detecting gene activation or in methods of screening.

Invention 3: claims 1-8,15,19-33 (all partially); claims 16
 (complete)

Relating to a nucleic acid construct encoding a secretable or excretable reporter protein, follicle stimulating hormone (FSH); cells and non-human animals comprising said nucleic acid construct; use of said gene, cell or animal for detecting gene activation or in methods of screening.

Invention 4: claims 1-8,15,19-33 (all partially); claim 17
 (complete)

Relating to a nucleic acid construct encoding a secretable or excretable reporter protein, antibody gamma or licht chain (Bence Jones) protein; cells and non-human animals comprising said nucleic acid construct; use of said gene, cell or animal for detecting gene activation or in methods of screening.

Invention 5: claims 1-8,15,19-33 (all partially); claim 18
 (complete)

Relating to a nucleic acid construct encoding a secretable or excretable reporter protein, feline urinary carboxylase; cells and non-human animals comprising said nucleic acid construct; use of said gene, cell or animal for detecting gene activation or in methods of screening.

FURTHER INFORMATION CONTINUED FROM	PCT/ISA/ 210	monado a rippioato	- 1001

Information on patent family members

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